

H5873

③

Tideg. } No. 5873 Date, July 22, 1915

Hydrog. }
Sdg. Mch. Electric Reel E11 Shot 30 lbs.
Lead

Turns _____ Cor'n _____ Depth 102 fms.

Sdg. Cup Arming (Sft Soap) Amt. Bot'm Sample _____

Character of Bottom gn JP

Thermom. { Make _____ Cor'n { Instr. _____
No. _____ Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 52.0 Time 5.20 } Air { 59.0
Time _____

Density: Surf. _____ fms. _____

Wind: Direction West Force 3

Baromet. 30.35 Amt. of Clouds 9 State of Sea JT

Weather bc

Direction and Force of Current { Surface _____
Bottom _____

Tide _____

General Locality Off Washington coast

Position Destruction Is. Light bears N 71° E (true) distant 21.5 miles

Chart used: No. 6400 Ed'n 2

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer Mr. Cassidy Recorder J. A. H. 11-1023

SOUNDING WIRE.

FMS.

DREDGING CABLE.

SOUNDING WIRE.			DREDGING CABLE.			
5 M. DOWN.	UP.	5 M.	FMS.	M. DOWN.	UP.	M.
5	16	10	5	18	25	0
5	16	50	5	16	55	100
						200
						300
						400
						500
						600
						700
						800
						900
						1000
						1100
						1200
						1300
						1400
						1500
						1600
						1700
						1800
						1900
						2000
						2100
						2200
						2300
						2400
						2500
						2600
						2700
						2800
						2900
						3000
						3100
						3200
						3300
						3400
						3500
						3600
						3700
						3800
						3900
						4000
						4100
						4200
						4300
						4400
						4500
						4600
						4700
						4800
						4900

(4)

Dredge } No. 5874 Date, July 22, 1915

Hydrog. } Sdg. Mch. Electric Reel E1 Shot Lead 30 lbs.

Turns Cor'n Depth 105 fms.

Sdg. Cup Arming (S.A. Corp) Amt. Bot'm Sample

Character of Bottom gn m fine gys

Thermom. { Make No.

Cor'n { Instr. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 52° Time 5:30 ~ } Air { 59°
Time

Density: Surf. fms.

Wind: Direction West Force 3

Baromet. 30.35 Amt. of Clouds 9 State of Sea II

Weather bc

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Washington coast

Position Destruction Is. Light bears N 72 1/2° E (true) distant 22.6 miles

Chart used: No. 6400 Ed'n 21.8

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: This station is the same as 5866

Deck Officer Mr. Cassidy Recorder Anshel

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
M. DOWN.			UP.				M. DOWN.		UP.		M.	
5	25	15	5	28	00	0						
5	25	50	5	25	52	105-100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

SOUNDING WIRE.		FMS.	DREDGING CABLE.		
A. M. Down.	Up. A. M.		M. Down.	Up.	M.
5 36 50	5 39 15	0			
5 37 30	5 37 35	100			
		200			
		300			
		400			
		500			
		600			
		700			
		800			
		900			
		1000			
		1100			
		1200			
		1300			
		1400			
		1500			
		1600			
		1700			
		1800			
		1900			
		2000			
		2100			
		2200			
		2300			
		2400			
		2500			
		2600			
		2700			
		2800			
		2900			
		3000			
		3100			
		3200			
		3300			
		3400			
		3500			
		3600			
		3700			
		3800			
		3900			
		4000			
		4100			
		4200			
		4300			
		4400			
		4500			
		4600			
		4700			
		4800			
		4900			

(6)

Dredge } No. 5876 Date, July 22, 1915
Hydrog. }

Sdg. Mch. Electric Reel El. Shot Lead 30 lbs.

Turns Cor'n Depth 103 fms.

Sdg. Cup Arming (Sft Sexp) Amt. Bot'm Sample

Character of Bottom crs. G.

Thermom. { Make Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time Air { Time

Density: Surf. fms.

Wind: Direction Wht Force 3

Baromet. 30.35 Amt. of Clouds 3 State of Sea J

Weather bc

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Washington Coast

Position Destruction Is Light bears $N 74^{\circ} E$ (true) distant 22.0 miles

Chart used: No. 6400 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Cassin Recorder April

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
M. Down.			Up.				M. Down.		Up.		M.	
5	48	40	5	50	50	0						
5	49	15	5	49	16	102 100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

SOUNDING WIRE.

FMS.

DREDGING CABLE.

M. Down. Up. M.

M. Down. Up. M.

6 02 20 6 04 50

0

6 03 00 6 03 05

101 100

200

300

400

500

600

700

6 25 50 6 39 40

6 27 10 6 37 15

87 800 f.

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Let go messenger at 6:37.10

8 09 15

8 05 00 8 05 05

82 2000

Dredge } No. _____ Date, 1.1.00, 19__
Hydrog. }
Sdg. Mch. _____ Reel 11 Shot 0 lbs.
Lead _____
Turns _____ Cor'n _____ Depth 0 fms.

Sdg. Cup (off hook) Amt. Bot'm Sample _____
Character of Bottom _____

Thermom. { Make _____ Cor'n { Instr. _____
 { No. _____ { Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { _____ Time _____ } Air { _____
 { _____ Time _____ }

Density: Surf. _____ fms. _____

Wind: Direction _____ Force _____

Baromet. _____ Amt. of Clouds _____ State of Sea _____

Weather _____

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Washington Coast

Position Destruction Is. Light bears ^{79'} N 80° E (true)
distant 2.1 miles

Chart used: No. 6400 Ed'n 1909

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer 1142 Nick Recorder Larnie

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
A	M. Down.	Up. A		M. Down.	Up.	M.
9	39		0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1800			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. 2879 Date, , 19

Sdg. Mch. Reel Shot } Lead } lbs.

Turns Cor'n Depth 97 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time Air {

Density: Surf. fms.

Wind: Direction Force

Baromet. 30.37 Amt. of Clouds 4 State of Sea M

Weather

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Washington Coast

Position Destruction Id. Light bears N 82° E (true) distant 20.0 miles

Chart used: No. 6400 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
9 51 01	9 52 53		0			
9 51 35	9 51 45		100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. _____ Date, _____, 19 ____
Hydrog. }

Sdg. Mch. _____ Reel _____ Shot }
Lead } lbs. _____

Turns _____ Cor'n _____ Depth _____ fms. _____

Sdg. Cup _____ Amt. Bot'm Sample _____

Character of Bottom _____

Thermom. { Make _____ Cor'n { Instr. _____
 { No. _____ { Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { _____ Time _____ } Air { _____
 { _____ Time _____ }

Density: Surf. _____ fms. _____

Wind: Direction _____ N-W Force _____ 3

Baromet. _____ 30.38 Amt. of Clouds _____ 11 State of Sea _____

Weather _____

Direction and Force { Surface _____
of Current. { Bottom _____

Tide _____

General Locality _____ Off Washington Coast

Position _____ Destruction I. Light bears N 84° E (true)

Chart used: No. _____ 6400 distant 20.5 mile
Ed'n _____ 2

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer _____ Recorder _____

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
10		328	0			
11			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. _____ Date, July 22, 1917
Hydrog. }

Sdg. Mch. 1155 Recd 1155 Shot } 50 lbs.
Lead }

Turns _____ Cor'n _____ Depth 84 fms.

Sdg. Cup 1155 Amt. Bot'm Sample _____

Character of Bottom fine sand

Thermom. { Make _____ Cor'n { Instr. _____
No. _____ Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { Time _____ } Air {
Time _____ }

Density: Surf. _____ fms. _____

Wind: Direction 11-17 Force 3

Baromet. 30.38 Amt. of Clouds 4 State of Sea 1/4

Weather _____

Direction and Force of Current { Surface _____
Bottom _____

Tide _____

General Locality Off Washington coast
87°

Position Destruction Is. light bears N 88 1/2° E (true)
distant 20.0 miles

Chart used: No. 6400 Ed'n 19.8

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer _____ Recorder 1155

SOUNDING WIRE.

FMS.

DREDGING CABLE.

M. Down. Up. M.

M. Down. Up. M.

10 20 30
10 21 20

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Dredge } No. 5882 Date, June 22, 1911
Hydrog. }

Sdg. Mch. 1046 Reel 347 Shot/Lead 30 lbs.

Turns _____ Cor'n _____ Depth 97 fms.

Sdg. Cup _____ Amt. Bot'm Sample _____

Character of Bottom _____

Thermom. { Make _____ Cor'n { Instr. _____
No. _____ Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 54 Time 10:5 } Air {
Time _____

Density: Surf. _____ fms. _____

Wind: Direction 14 Force 2

Baromet. 30.38 Amt. of Clouds 4 State of Sea 1/4

Weather _____

Direction and Force of Current { Surface _____
Bottom _____

Tide _____

General Locality Off Washington coast

Position Destruction Is. Light bears ^{87°} N 88 1/2° E (true) distant 21.0 miles

Chart used: No. 6400 Ed'n 20, 30

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer _____ Recorder _____

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. 5888 Date, July 22, 1916
Hydrog. }

Sdg. Mch. 1000 Reel Shot } 30 lbs.
Lead }

Turns Cor'n Depth 4 fms.

Sdg. Cup (Mining) Amt. Bot'm Sample

Character of Bottom (gy) (m)

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 57 Time 10:50 } Air { 62
Time

Density: Surf. fms.

Wind: Direction 11-12 Force 2

Baromet. 30.2 Amt. of Clouds 4 State of Sea 11

Weather

Direction and Force of Current { Surface
Bottom

Tide

General Locality Off Washington coast

Position Destruction Is. Light bears N 88 1/2° E (true) 67
distant 27.0 miles

Chart used: No. 6400 Ed'n 21.8

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks

Deck Officer [Signature] Recorder [Signature]

SOUNDING WIRE.

M. Down. Up. M.

FMS.

DREDGING CABLE.

M. Down. Up. M.

0
 100
 200
 300
 400
 500
 600
 700
 800
 900
 1000
 1100
 1200
 1300
 1400
 1500
 1600
 1700
 1800
 1900
 2000
 2100
 2200
 2300
 2400
 2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000
 4100
 4200
 4300
 4400
 4500
 4600
 4700
 4800
 4900

Dredge No. _____ *Date*, _____, 19__

Slugs, Arh. _____ Reel _____ Shot _____ lbs.
Lead _____

Turns Cor'n Depth 101 fms

Sdg. Cup	Lot	Amt. Bot'm Sample
1	100	100
2	100	100
3	100	100
4	100	100
5	100	100
6	100	100
7	100	100
8	100	100
9	100	100
10	100	100
11	100	100
12	100	100
13	100	100
14	100	100
15	100	100
16	100	100
17	100	100
18	100	100
19	100	100
20	100	100
21	100	100
22	100	100
23	100	100
24	100	100
25	100	100
26	100	100
27	100	100
28	100	100
29	100	100
30	100	100
31	100	100
32	100	100
33	100	100
34	100	100
35	100	100
36	100	100
37	100	100
38	100	100
39	100	100
40	100	100
41	100	100
42	100	100
43	100	100
44	100	100
45	100	100
46	100	100
47	100	100
48	100	100
49	100	100
50	100	100
51	100	100
52	100	100
53	100	100
54	100	100
55	100	100
56	100	100
57	100	100
58	100	100
59	100	100
60	100	100
61	100	100
62	100	100
63	100	100
64	100	100
65	100	100
66	100	100
67	100	100
68	100	100
69	100	100
70	100	100
71	100	100
72	100	100
73	100	100
74	100	100
75	100	100
76	100	100
77	100	100
78	100	100
79	100	100
80	100	100
81	100	100
82	100	100
83	100	100
84	100	100
85	100	100
86	100	100
87	100	100
88	100	100
89	100	100
90	100	100
91	100	100
92	100	100
93	100	100
94	100	100
95	100	100
96	100	100
97	100	100
98	100	100
99	100	100
100	100	100

Character of Bottom

Thermom. { Make Cor'n { Instr.
 { No. { Stem.

Bottom Reading ----- Cor'd Temp.

Temp. Surf. { 54 Time 11:02 { Air {
Time {

Density: Surf. fms.

Wind: Direction 11-12 Force 1

Baromet. 30.00 Amt. of Clouds 4 State of Sea M

Weather *loc.*

Direction and Force of Current. $\left\{ \begin{array}{l} \text{Surface} \\ \text{Bottom} \end{array} \right.$

Tide

General Locality *Off Washington Coast.*

Position Destruction Is. Light bears $N 88\frac{1}{2}^{\circ} E$ (true) 87°

Chart used: No. 6400 distant 250 miles
Ed'n 24.6

Drift: Direction Distance

Depth of Haul 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 104

Apparatus and Rig used

Time towing _____ h, _____ m.

Remarks:

Deck Officer

Record of _____

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. _____ Date, _____, 19____
Hydrog. }
Sdg. Mch. W. H. H. H. Reel 1/1-1/2 Shot } 30 lbs.
Lead }
Turns _____ Cor'n _____ Depth 1 fms.
Sdg. Cup _____ Amt. Bot'm Sample _____
Character of Bottom fine black

Thermom.	{ Make	Cor'n	{ Instr.
	{ No.		{ Stem.
Bottom Reading		Cor'd Temp.	

$$\left. \begin{array}{l} \text{Temp. Surf.} \\ \text{Time} \end{array} \right\} \text{Air}$$

Density: Surf. _____ fms. _____

Wind: Direction. NW Force 3

Baromet. _____ Amt. of Clouds 4 State of Sea M

Weather _____

Direction and Force of Current.
 { Surface
 { Bottom

General Locality *Off Washington coast*

Position Destruction Id. Light bears ^{87°} N 88 1/2° E (true) ...

Chart used: No. 6400 distant 24.0 miles.
Ed'n 2.3.9

Drift: Direction _____ Distance _____

Depth of Haul

Apparatus and Rig used

Time to win *s* h. m.

Remarks:

Deck Officer _____ Recorder L. A. R. W.

SOUNDING WIRE.				FMS.	DREDGING CABLE.		
M. Down.	Up.	A.	M.		M. Down.	Up.	M.
09	22	11	11	0			
			14	100			
				200			
				300			
				400			
				500			
				600			
				700			
				800			
				900			
				1000			
				1100			
				1200			
				1300			
				1400			
				1500			
				1600			
				1700			
				1800			
				1900			
				2000			
				2100			
				2200			
				2300			
				2400			
				2500			
				2600			
				2700			
				2800			
				2900			
				3000			
				3100			
				3200			
				3300			
				3400			
				3500			
				3600			
				3700			
				3800			
				3900			
				4000			
				4100			
				4200			
				4300			
				4400			
				4500			
				4600			
				4700			
				4800			
				4900			

Dredge } No. 581 Date, _____, 19____
 Hydrog. }
 Sdg. Mch. (C. 11111) Reel 10 Shot } lbs.
 Lead }
 Turns _____ Cor'n _____ Depth 235 fms.
 Sdg. Cup (C. 11111) Amt. Bot'm Sample _____
 Character of Bottom (M)
 Thermom. { Make _____ Cor'n { Instr. _____
 { No. _____ { Stem. _____
 Bottom Reading _____ Cor'd Temp. _____
 Temp. Surf. { _____ Time _____ { Air { _____
 { _____ Time _____ { _____
 Density: Surf. _____ fms _____
 Wind: Direction _____ Force _____
 Baromet. _____ Amt. of Clouds 4 State of Sea M
 Weather _____
 Direction and Force of Current { Surface _____
 { Bottom _____
 Tide _____

General Locality off Washington coast
 Position Destruction Is. Light bears N 88 1/2° E (true)
distant 25.0 miles
 Chart used: No. 6400 Ed'n 249
 Drift: Direction _____ Distance _____
 Depth of Haul _____
 Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer MacLean Recorder Farber

SOUNDING WIRE.		FMS.	DREDGING CABLE.		
M. Down.	Up. M.		M. Down.	Up.	M.
10 45	5	0			
11 24	10	100			
		200			
		300			
		400			
		500			
		600			
		700			
		800			
		900			
		1000			
		1100			
		1200			
		1300			
		1400			
		1500			
		1600			
		1700			
		1800			
		1900			
		2000			
		2100			
		2200			
		2300			
		2400			
		2500			
		2600			
		2700			
		2800			
		2900			
		3000			
		3100			
		3200			
		3300			
		3400			
		3500			
		3600			
		3700			
		3800			
		3900			
		4000			
		4100			
		4200			
		4300			
		4400			
		4500			
		4600			
		4700			
		4800			
		4900			

Dredge } No. _____ Date, July 22, 1915
Hydrog. }
Sdg. Mch. _____ Reel any Shot 30 lbs.
Turns _____ Cor'n _____ Depth 160 fms.
Sdg. Cup _____ Amt. Bot'm Sample _____
Character of Bottom _____

Thermom. { Make _____ Cor'n { Instr. _____
 { No. _____ { Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { _____ Time _____ { Air { _____
 { _____ Time _____ { _____

Density: Surf. _____ fms. _____

Wind: Direction 11-12 Force 2

Baromet. 30.88 Amt. of Clouds 11 State of Sea M

Weather bcy

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Washington Coast

Position 48° 12' N

Destruction Is. Light bears E (true)

Chart used: No. 6400 distant 24.5 miles
Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer Mr. J. H. Nick Recorder Sw

SOUNDING WIRE.						FMS.	DREDGING CABLE.			
M. Down.			Up. A. M.				M. Down.		Up. M.	
11	40	20	11	43	15	0				
11	41	20	11	41	25	160				
						200				
						300				
						400				
						500				
						600				
						700				
						800				
						900				
						1000				
						1100				
						1200				
						1300				
						1400				
						1500				
						1600				
						1700				
						1800				
						1900				
						2000				
						2100				
						2200				
						2300				
						2400				
						2500				
						2600				
						2700				
						2800				
						2900				
						3000				
						3100				
						3200				
						3300				
						3400				
						3500				
						3600				
						3700				
						3800				
						3900				
						4000				
						4100				
						4200				
						4300				
						4400				
						4500				
						4600				
						4700				
						4800				
						4900				

Dredge } No. _____
Hydrog. } Date, _____, 19__

<i>Sdg. Mch.</i>	<i>Reel</i>	<i>Shot Lead</i>	<i>Lbs.</i>
------------------	-------------	----------------------	-------------

Turns	Cor'n	Depth	fms.
-------	-------	-------	------

Sdg. Cup 10 mm (1000) Amt. Bot'm Sample -----

Character of Bottom CR (mud) - 100%

Thermom. { Make -----
 { No. -----

Cor'n { Instr. -----
 { Stem. -----

Bottom Reading Cor'd Temp.

Temp. Surf. { 54 Time 11:55 } Air { 64 }

Density: Surf. fms.

Wind: Direction *N-W* Force *3*

Baromet. 30.38 Amt. of Clouds 4 State of Sea 1

Weather

Direction and Force of Current.	Surface	
	Bottom	

[illegible]

General Locality *Off Washington Coast*

Position Destruction Is. Light bears $S 89^{\circ} E$ (true) 33.8 miles.

Chart used: No. 6400 Ed'n

Drift: Direction *Distance*

Depth of Haul. _____

Apparatus and Rig used

Time towing h. m.

Remarks: _____

Deck Officer *My Smith* Recorder *Allen*

SOUNDING WIRE.

M. Down. Up. A. M.

FMS.

DREDGING CABLE.

M. Down. Up. M.

SOUNDING WIRE		FMS.	DREDGING CABLE	
M. Down.	Up.		M. Down.	Up.
11 52 40	11 52 45	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		
		4100		
		4200		
		4300		
		4400		
		4500		
		4600		
		4700		
		4800		
		4900		

Dredge } No. Date, / / , 19 . . .
Hydrog. }

Sdg. Mch. Reel . . . Shot
Leads . . . lbs.

Turns . . . Cor'n . . . Depth 94 fms.

Sdg. Cup (Herring) Amt. Bot'm Sample . . .

Character of Bottom . . .

Thermom. { Make . . . Cor'n { Instr. . .
 { No. { Stem. . .

Bottom Reading . . . Cor'd Temp. . .

Temp. Surf. { Time 1:00 } Air { 65 }
 { Time . . . } { . . . }

Density: Surf. fms. . .

Wind: Direction . . . Force ?

Baromet. Amt. of Clouds / State of Sea N

Weather . . .

Direction and Force of Current { Surface . . .
 { Bottom . . .

Tide . . .

General Locality off Washington coast

Position Destruction Is. light bears S 88° E (True)
 distance 22.6 miles

Chart used: No. 6400 Ed'n . . .

Drift: Direction . . . Distance . . .

Depth of Haul . . .

Apparatus and Rig used . . .

Time towing . . . h. . . m.

Remarks: . . .

Deck Officer . . . Recorder . . .

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. 5840 Date, July 1, 1901
Hydrog. }

Sub. Mch. _____ Reel _____ Shot/Lead 80 lbs.

Sdg. Mch. _____ Reel _____ Shot/Lead } 30 lbs.

Turns Cor'n Depth 90 fms.

Sdg. Cup *Artem. (G. F.)* Jmt. Bot'm Sample

Character of Bottom fine

Thermom. $\left\{ \begin{array}{l} \text{Maker} \\ \text{No.} \end{array} \right.$ Cor'n $\left\{ \begin{array}{l} \text{Instr.} \\ \text{Stem.} \end{array} \right.$

Bottom Reading Cor'd Temp.

Temp. Surf. { ^{55°} Time 12:19 } Air { 60° }
 { Time } { }

Density: Surf. fms.

Wind: Direction 10 W Force 2

Baromet.	30.37	Amt. of Clouds	1	State of Sea	74
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Weather 65° to 75° F.

<i>Direction and Force of Current.</i>	<i>Surface</i>
	<i>Bottom</i>

Title _____

General Locality *Off Washington coast*

Position Destruction Is. Light bears $S 86^{\circ} E$ (true) ...

Chart used: No. 6400 Distance 21.7 miles
Ed'n 3

Drift: Direction Distance

Depth of Haul 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer *Mr. J. C. ...* Recorder *...*

Dredge } No. 20 Date, , 19
Hydrog. }
Sdg. Mch. *Chick* Reel Shot/Lead lbs.

Turns Cor'n Depth 97 fms.

Sdg. Cup. *Arming (off end)* Amt. Bot'm Sample

Character of Bottom *gy. M. f. gy.*

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 55 Time 12:30 } Air { 60
Time

Density: Surf. fms.

Wind: Direction *NE* Force 3

Baromet. 30.32 Amt. of Clouds 1 State of Sea *7/8*

Weather *b*

Direction and Force of Current { Surface
Bottom

Tide

General Locality *Off Washington Coast*

Position *Destruction Is. Light bears S 84 1/2° E (true) distant 20 1/2 miles*

Chart used: No. 6400 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer *Mr. S.* Recorder *W. H. H.*

SOUNDING WIRE.						FMS.	DREDGING CABLE.		
P M. DOWN.			UP.	P M.			M. DOWN.	UP.	M.
12	27	00	12	27	12	0			
12	27	50	12	28	00	72400			
						200			
						300			
						400			
						500			
						600			
						700			
						800			
						900			
						1000			
						1100			
						1200			
						1300			
						1400			
						1500			
						1600			
						1700			
						1800			
						1900			
						2000			
						2100			
						2200			
						2300			
						2400			
						2500			
						2600			
						2700			
						2800			
						2900			
						3000			
						3100			
						3200			
						3300			
						3400			
						3500			
						3600			
						3700			
						3800			
						3900			
						4000			
						4100			
						4200			
						4300			
						4400			
						4500			
						4600			
						4700			
						4800			
						4900			

Dredge } No. _____ Date, _____, 19__
 Hydrog. }
 Sdg. Mch. *616* Reel _____ Shot/Lead _____ lbs.
 Turns _____ Cor'n _____ Depth *812* fms.
 Sdg. Cup *Armstrong (6 ft 5 in)* Amt. Bot'm Sample _____
 Character of Bottom *gn. M. fm. gy. s. br. c.*
 Thermom. { Make _____ Cor'n { Instr. _____
 { No. _____ { Stem. _____
 Bottom Reading _____ Cor'd Temp. _____
 Temp. Surf. { *55* Time *12:42* Air { *65*
 { _____ Time _____ { _____
 Density: Surf. _____ fms. _____
 Wind: Direction *NNW* Force *3*
 Baromet. *30.27* Amt. of Clouds *1* State of Sea *M*
 Weather *bcz*

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality *Off Washington coast*

Position *Destruction Is. Light bears S 85° E (true) distant 19.1 miles*
 Chart used: No. *6400* Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer *Mc Sweeney* Recorder *J. H. Whit*
 11-1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.		
M. Down.			Up.	M.			M. Down.	Up.	M.
12	39	25	12	41	20	0			
12	39	50	12	39	55	80	100		
						200			
						300			
						400			
						500			
						600			
						700			
						800			
						900			
						1000			
						1100			
						1200			
						1300			
						1400			
						1500			
						1600			
						1700			
						1800			
						1900			
						2000			
						2100			
						2200			
						2300			
						2400			
						2500			
						2600			
						2700			
						2800			
						2900			
						3000			
						3100			
						3200			
						3300			
						3400			
						3500			
						3600			
						3700			
						3800			
						3900			
						4000			
						4100			
						4200			
						4300			
						4400			
						4500			
						4600			
						4700			
						4800			
						4900			

(23)

Use of } No. 5893 Date, July 22, 1915
Hydrog. }
Sdg. Mch. Electric Reel 50 Shot Lead 30 lbs.
Turns _____ Cor'n _____ Depth 78 fms.

Sdg. Cup A.T.M. (S.F. 500) Amt. Bot'm Sample _____
Character of Bottom _____

Thermom. { Make _____ Cor'n { Instr. _____
 { No. _____ { Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 55 Time 12:50 } Air { 60 }
 { _____ Time _____ } { _____ }

Density: Surf. _____ fms. _____

Wind: Direction NW Force 3-4

Baromet. 30.27 Amt. of Clouds 0 State of Sea 75

Weather 6

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Washington coast

Position Destruction Is. Light bears S83°E (true) _____
Chart used: No. 6400 distant 20.4 mile

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer Mr. Shesley Recorder Frankel - 11-1023

SOUNDING WIRE.

P.M. Down. | Up. | A.M.

FMS.

DREDGING CABLE.

--- M. Down. | Up. | --- M.

12	53	20	12	55	10	0
12	54	00	12	54	01	78 400
						200
						300
						400
						500
						600
						700
						800
						900
						1000
						1100
						1200
						1300
						1400
						1500
						1600
						1700
						1800
						1900
						2000
						2100
						2200
						2300
						2400
						2500
						2600
						2700
						2800
						2900
						3000
						3100
						3200
						3300
						3400
						3500
						3600
						3700
						3800
						3900
						4000
						4100
						4200
						4300
						4400
						4500
						4600
						4700
						4800
						4900

(24)

Hydrog. No. 5894 Date, June 23, 1915

Sdg. Mch. Electric Reel E1 Shot Lead 50 lbs.

Turns _____ Cor'n _____ Depth 85 fms.

Sdg. Cup Arm _____ Amt. Bot'm Sample _____

Character of Bottom _____

Thermom. { Make _____
No. _____Cor'n { Instr. _____
Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 55 Time 1.00 { Air { _____
Time _____

Density: Surf. _____ fms. _____

Wind: Direction 115 Force 2-4

Baromet. 30.25 Amt. of Clouds 0 State of Sea 2

Weather 6.

Direction and Force of Current { Surface _____
Bottom _____

Tide _____

General Locality Off Washington coast

Position Destruction I. Light bears 380° E (true) _____
distant 20.5 miles

Chart used: No. 6400 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer Dr. Phelps Recorder Arnold

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	(L. M.)		M. Down.	Up.	M.
1 05 30	1 07 10		0			
1 05 35	1 06 00		100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

(23) No. 5895 Date, July 22, 1915

Sdg. Mch. Electric Reel L1 Shot/Lead 30 lbs.

Turns Cor'n Depth 86 fms.

Sdg. Cup Alvin Amt. Bot'm Sample

Character of Bottom gy. M.

Thermom. { Make No.

Cor'n { Instr. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 55 Time 1:20 } Air { 60 }
Time

Density: Surf. fms.

Wind: Direction NW Force 3-4

Baromet. 30.37 Amt. of Clouds 0 State of Sea M

Weather bc

Direction and Force of Current { Surface Bottom

Tide

General Locality off Washington coast

Position Destruction Is. Light bears S 78 1/2° E (true) distant 21.3 miles

Chart used: No. 6400 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Shipley Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. DOWN.	UP.	P. M.		M. DOWN.	UP.	M.
1 16 30	1 18 20		0			
1 17 00	1 17 45		100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Hydrog. No. 5096 Date, July 22, 1915
Sdg. Mch. Electric Reel 51 Shot Lead 30 lbs.
Turns Cor'n Depth 80 fms.

Sdg. Cup Arwing (off lead) Amt. Bot'm Sample

Character of Bottom gy. sh. & c.

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 55° Time 4:32 P } Air { 60°
Time

Density: Surf. fms.

Wind: Direction NW Force 3-4

Baromet. 30.00 Amt. of Clouds 0 State of Sea 17

Weather 2.

Direction and Force of Current { Surface
Bottom

Tide

General Locality Off Washington coast

Position Destruction Is. Light bears S 77° E (true) distant 22.2 miles

Chart used: No. 6400 Ed'n 219

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Shapley Recorder A. H. D.

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	P. M.		M. Down.	Up.	M.
1	27	45	1	27	45	0
1	28	10	1	28	20	80
						100
						200
						300
						400
						500
						600
						700
						800
						900
						1000
						1100
						1200
						1300
						1400
						1500
						1600
						1700
						1800
						1900
						2000
						2100
						2200
						2300
						2400
						2500
						2600
						2700
						2800
						2900
						3000
						3100
						3200
						3300
						3400
						3500
						3600
						3700
						3800
						3900
						4000
						4100
						4200
						4300
						4400
						4500
						4600
						4700
						4800
						4900

27

Invest. of
Hydrog. } No. 5297 Date, July 22, 1915

Sdg. Mch. Electric Reel 21 Shots 30 lbs.

Turns _____ Cor'n _____ Depth 84 fms.

Sdg. Cup *Young* *Co.* *Int. Bot'm*
Sample

Character of Bottom fine

[illegible]

(No. _____) Stem.

Bottom Reading ----- Cor'd Temp.

Temp. Surf. { ~~50~~ Time ~~1:47~~ } Air { 61° }
Time { } { }

Timor

Density: Surf. / fms.

Wind: Direction, *N-W* Force *3-4*

Baromet. 30.5 Amt. of Clouds 0 State of Sea 77-

Weather 19

Direction and Force of Current.	Surface	-----
	Bottom	-----

Bottom

Tide 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 1042

General Locality

Position Director Id Sh. p 10-12-1968

Chart used: No. 6400 Ed'n _____

<i>Drift: Direction</i>	<i>Distance</i>
-------------------------	-----------------

Depth of Haul

Apparatus and Rig used

Time towing	h.	m.
1st	1	10
2nd	1	10
3rd	1	10
4th	1	10
5th	1	10
6th	1	10
7th	1	10
8th	1	10
9th	1	10
10th	1	10
11th	1	10
12th	1	10
13th	1	10
14th	1	10
15th	1	10
16th	1	10
17th	1	10
18th	1	10
19th	1	10
20th	1	10
21st	1	10
22nd	1	10
23rd	1	10
24th	1	10
25th	1	10
26th	1	10
27th	1	10
28th	1	10
29th	1	10
30th	1	10
31st	1	10
32nd	1	10
33rd	1	10
34th	1	10
35th	1	10
36th	1	10
37th	1	10
38th	1	10
39th	1	10
40th	1	10
41st	1	10
42nd	1	10
43rd	1	10
44th	1	10
45th	1	10
46th	1	10
47th	1	10
48th	1	10
49th	1	10
50th	1	10
51st	1	10
52nd	1	10
53rd	1	10
54th	1	10
55th	1	10
56th	1	10
57th	1	10
58th	1	10
59th	1	10
60th	1	10
61st	1	10
62nd	1	10
63rd	1	10
64th	1	10
65th	1	10
66th	1	10
67th	1	10
68th	1	10
69th	1	10
70th	1	10
71st	1	10
72nd	1	10
73rd	1	10
74th	1	10
75th	1	10
76th	1	10
77th	1	10
78th	1	10
79th	1	10
80th	1	10
81st	1	10
82nd	1	10
83rd	1	10
84th	1	10
85th	1	10
86th	1	10
87th	1	10
88th	1	10
89th	1	10
90th	1	10
91st	1	10
92nd	1	10
93rd	1	10
94th	1	10
95th	1	10
96th	1	10
97th	1	10
98th	1	10
99th	1	10
100th	1	10

Remarks:

Deck Officer *W. S. Schaefer* Recorder *J. H. Smith*
11-1023

SOUNDING WIRE.

FMS.

DREDGING CABLE.

C. M. Down. Up. C. M.

M. Down. Up. M.

1 38 50	1 40 50	0
1 39 20	1 39 22 64	100
		200
		300
		400
		500
		600
		700
		800
		900
		1000
		1100
		1200
		1300
		1400
		1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400
		2500
		2600
		2700
		2800
		2900
		3000
		3100
		3200
		3300
		3400
		3500
		3600
		3700
		3800
		3900
		4000
		4100
		4200
		4300
		4400
		4500
		4600
		4700
		4800
		4900

Hydrog. No. 5892 Date, July 22, 1915
 Sdg. Mch. Electric Reel FL Shot 30 lbs.
 Turns _____ Cor'n _____ Depth 9 fms.
 Sdg. Cup Alumina (Set Sun) Int. Bot'm Sample _____
 Character of Bottom fine S
 Thermom. { Make _____ Cor'n { Instr. _____
 { No. _____ { Stem. _____
 Bottom Reading _____ Cor'd Temp. _____
 Temp. Surf. { Time 1:15 } Air { 20 }
 { _____ { _____ { _____
 Density: Surf. _____ fms. _____
 Wind: Direction 71 Force 3-4
 Baromet. 30.2 Amt. of Clouds 0 State of Sea 1
 Weather 6
 Direction and Force of Current { Surface _____
 { Bottom _____
 Tide _____

General Locality _____

Position Astoria Id. S. 74° E 23.3 miles

Chart used: No. 1115 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing h. _____ m. _____

Remarks: _____

Deck Officer W. S. C. Recorder Frank

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	P. M.		M. Down.	Up.	M.
1 51 40	1 52 40		0			
1 52 15	1 52 16	96	400			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

(29)

~~Dredge~~
Hydrog. } No. 5899 Date, July 22, 1918

Sdg. Mch. *Electric* Reel *51* Shot Lead } *20 lbs.*

Turns	...	Cor'n	Depth	92 fms.
-------	-----	-------	-------	---------

Sdg. Cup *Salvia* (L.) ^{Int. Bot. Sample}

Character of Bottom am. sh.

Thermom. { Make -----
 { No. -----

Cor'n { Instr. -----
 { Stem. -----

Bottom Reading. Cor'd Temp.

Temp. Surf. { 55° Time 2:07 } Air { 60°
Time

Density: Surf. fms.Wind: Direction NE Force 3-4

Baromet. 30.26 Amt. of Clouds 0 State of Sea 77

Weather

Direction and Force of Current.	Surface	
	Bottom	

Tide _____

General Locality 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

Position *Distinction Id 572 1/2 E 24.3 min*

Chart used: No. 6400 Ed'n 1

Drift: Direction *Distance*

Depth of Haul

Apparatus and Rig used

Time towing[§] h, m,

Remarks:

Deck Officer Mr. Shepherd Recorder Dr. J. S. ...

SOUNDING WIRE.					FMS.	DREDGING CABLE.		
M. Down.	Up.	P. M.				M. Down.	Up.	M.
2	03	20	2	05	35	0		
2	03	15	2	02	59	100		
					200			
					300			
					400			
					500			
					600			
					700			
					800			
					900			
					1000			
					1100			
					1200			
					1300			
					1400			
					1500			
					1600			
					1700			
					1800			
					1900			
					2000			
					2100			
					2200			
					2300			
					2400			
					2500			
					2600			
					2700			
					2800			
					2900			
					3000			
					3100			
					3200			
					3300			
					3400			
					3500			
					3600			
					3700			
					3800			
					3900			
					4000			
					4100			
					4200			
					4300			
					4400			
					4500			
					4600			
					4700			
					4800			
					4900			

Bridge } No. 5344 Date, July 27, 1915
Hydrog. }

Sdg. Mch. Electric Reel 51 Shot Lead 30 lbs.

Turns _____ Cor'n _____ Depth 88 fms.

Sdg. Cup _____ Amt. Bot'm Sample _____

Character of Bottom _____

Thermom. { Make _____ Cor'n { Instr. _____
 { No. _____ { Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { _____ Time 2:09 } Air { 61.0 }
 { _____ Time _____ } { _____ }

Density: Surf. _____ fms. _____

Wind: Direction NW Force 2-4

Baromet. 30.35 Amt. of Clouds 0 State of Sea 5

Weather _____

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Off Washington Coast

Position Destruction I. Light bears S 78° E (true)
Chart used: No. 6400 distant 22.8 miles
Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer _____ Recorder _____

SOUNDING WIRE.

FMS.

DREDGING CABLE.

M. Down. | Up. | M.

M. Down. | Up. | M.

3	05	50	3	07	15	0
3	06	20	3	06	35	88 400
						200
						300
						400
						500
						600
						700
						800
						900
						1000
						1100
						1200
						1300
						1400
						1500
						1600
						1700
						1800
						1900
						2000
						2100
						2200
						2300
						2400
						2500
						2600
						2700
						2800
						2900
						3000
						3100
						3200
						3300
						3400
						3500
						3600
						3700
						3800
						3900
						4000
						4100
						4200
						4300
						4400
						4500
						4600
						4700
						4800
						4900

(25)
Hydrog. No. 5735 Date, , 19

Sdg. Mch. E. Reel E7 Shot Lead 30 lbs.

Turns Cor'n. Depth 111 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time Air {

Density: Surf. fms.

Wind: Direction NW Force 3

Baromet. 30.25 Amt. of Clouds 0 State of Sea 77

Weather

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Washington coast

Position Destruction Is. Light bears S 71° E (true) distant 23.4 miles

Chart used: No. 6400 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Sherry Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
3	24	20	3	26	45	
3	24	25	3	25	00	/// 400
			0			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

21
No. 5896 Date, July 22, 1912

Sdg. Mch. 31 Reel 51 Shot/Lead 40 lbs.

Turns Cor'n Depth 92 fms.

Sdg. Cup *Alum. 200 gms.* Int. Bot'm Sample

Character of Bottom *gy. m.*

Thermom. { Make Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { *55* Time *3:40 p* } Air { Time }

Density: Surf. fms.

Wind: Direction *NW* Force *2*

Baromet. *30.25* Amt. of Clouds *0* State of Sea

Weather *b3.*

Direction and Force of Current { Surface Bottom

Tide

General Locality *off Washington coast*

Position *Destruction Is. Light bears S 72 1/2° E (true) distant 2.45 miles*

Chart used: No. 6400

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer *J. S. [illegible]*

Recorder *J. T. [illegible]*

SOUNDING WIRE.

M. Down. Up. M.

33753 3915
 33750 3305

FMS.

0
 100
 200
 300
 400
 500
 600
 700
 800
 900
 1000
 1100
 1200
 1300
 1400
 1500
 1600
 1700
 1800
 1900
 2000
 2100
 2200
 2300
 2400
 2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000
 4100
 4200
 4300
 4400
 4500
 4600
 4700
 4800
 4900

DREDGING CABLE.

M. Down. Up. M.

Hydrog. No. 1000 Date, May 22, 1900

Sdg. Mch. Electric Reel Shot Lead 35 lbs.

Turns Cor'n Depth 100 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time 3:52 Air { Time

Density: Surf. fms.

Wind: Direction NW Force 3

Baromet. Amt. of Clouds 0 State of Sea

Weather

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Washington coast

Position Destruction Is. Light bears S 71 1/2° E (true) distant 25.2 miles

Chart used: No. 6400 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. J. H. Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.		M. DOWN.	UP.	M.
3 49 15	2	50 53	0			
3 49 20	3	49 35	100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
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			1900			
			2000			
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			2700			
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			2900			
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			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. _____ Date, _____, 19____
Hydrog. }
Sdg. Mch. _____ Reel _____ Shot/Lead _____ lbs.
Turns _____ Cor'n _____ Depth _____ fms.
Sdg. Cup _____ Amt. Bot'm Sample _____
Character of Bottom _____

Thermom. { Make _____ Cor'n { Instr. _____
 { No. _____ { Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { _____ Time _____ } Air { _____
 { _____ Time _____ } { _____

Density: Surf. _____ fms. _____

Wind: Direction _____ N-W. Force _____ 3

Baromet. 30.35 Amt. of Clouds 0 State of Sea M

Weather _____ 0

Direction and Force { Surface _____
of Current. { Bottom _____

Tide _____

General Locality Off Washington coast

Position Destruction Is. Light Bears S. 70° E (true) distant 26.0 miles

Chart used: No. 6400 Ed'n 25.9

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer _____ Recorder _____

SOUNDING WIRE.						FMS.	DREDGING CABLE.		
M. Down.			Up. ⁰⁵ M.				M. Down.	Up.	M.
4	00	25	4	02	10	0			
4	01	50	4	01	00	100			
						200			
						300			
						400			
						500			
						600			
						700			
						800			
						900			
						1000			
						1100			
						1200			
						1300			
						1400			
						1500			
						1600			
						1700			
						1800			
						1900			
						2000			
						2100			
						2200			
						2300			
						2400			
						2500			
						2600			
						2700			
						2800			
						2900			
						3000			
						3100			
						3200			
						3300			
						3400			
						3500			
						3600			
						3700			
						3800			
						3900			
						4000			
						4100			
						4200			
						4300			
						4400			
						4500			
						4600			
						4700			
						4800			
						4900			

Bredge-
Hydrog. } No. _____ Date, _____, 19____
Sdg. Mch. _____ Reel _____ Shot
Lead _____ lbs.
Turns _____ Cor'n _____ V _____ Depth _____ 97 fms.
Sdg. Cup _____ Amt. Bot'm
Sample _____
Character of Bottom _____

Thermom. { Make _____ Cor'n { Instr. _____
No. _____ Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { Time _____ } Air {
Time _____ }

Density: Surf. _____ fms. _____

Wind: Direction _____ N-W Force _____ 3

Baromet. _____ Amt. of Clouds _____ 0 State of Sea _____ A

Weather _____

Direction and Force of Current. { Surface _____
Bottom _____

Tide _____

General Locality _____ Off Washington Coast

Position _____ Destruction I. Light bears $56\frac{1}{2}^{\circ}$ E (true) _____

Chart used: No. _____ 6400 distant _____ 27.0 miles
Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer _____ Recorder _____

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	P. M.		M. Down.	Up.	M.
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
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			1600			
			1700			
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			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

(34) (33) 5903

Drainage } No. 5903 Date, July 22, 1915
Hydrog. }

Sdg. Mch. 5102100 Reel 1000 Shot 50 lbs.

Turns Cor'n Depth 93 fms.

Sdg. Cup remaining Amt. Bot'm Sample

Character of Bottom 29 m. mud, frags

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 5 Time 4:25 } Air { 61
Time

Density: Surf. fms.

Wind: Direction N-W Force 3

Baromet. 30.35 Amt. of Clouds 0 State of Sea H

Weather H

Direction and Force of Current { Surface
Bottom

Tide

General Locality Off Washington Coast

Position Destruction Is. Light bears S 68 1/2° E (true)

Chart used: No. 6400 distant 27.8 miles Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer S. H. Allen Recorder: H. H. Allen

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	P. M.		M. Down.	Up.	M.
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

5904

Dredge } No. 545 Date, 1904, 19
Hydrog. }
Sdg. Mch. 1000 Reel 1000 Shot } 50 lbs.
Lead }
Turns 93 Cor'n Depth 93 fms.
Sdg. Cup Amt. Bot'm Sample
Character of Bottom

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 55 Time 4:40 } Air { 61
Time

Density: Surf. fms.

Wind: Direction 10 Force 2

Baromet. 30.25 Amt. of Clouds 0 State of Sea 1

Weather

Direction and Force of Current { Surface
Bottom

Tide

General Locality Off Washington coast

Position Destruction Is. Light bears S 67 1/2° E (true) distant 28.7 miles.
Chart used: No. 6400 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.				FMS.	DREDGING CABLE.		
M. Down.	Up.	M.			M. Down.	Up.	M.
4	35	30	4	0			
	36	05	4	100			
				200			
				300			
				400			
				500			
				600			
				700			
				800			
				900			
				1000			
				1100			
				1200			
				1300			
				1400			
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				1900			
				2000			
				2100			
				2200			
				2300			
				2400			
				2500			
				2600			
				2700			
				2800			
				2900			
				3000			
				3100			
				3200			
				3300			
				3400			
				3500			
				3600			
				3700			
				3800			
				3900			
				4000			
				4100			
				4200			
				4300			
				4400			
				4500			
				4600			
				4700			
				4800			
				4900			

Dredge } No. _____ Date, _____, 19__
Hydrog. }

Sdg. Mch. _____ Reel *off* Shot/Lead *50* lbs.

Turns _____ Cor'n _____ Depth *93* fms.

Sdg. Cup _____ Amt. Bot'm Sample _____

Character of Bottom *fine sand*

Thermom. { Make _____ Cor'n { Instr. _____
 { No. _____ { Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { *57* Time *4:5* } Air { _____
 { _____ Time _____ } _____

Density: Surf. _____ fms. _____

Wind: Direction _____ Force _____

Baromet. _____ Amt. of Clouds *0* State of Sea *M*

Weather _____

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality *Off Washington coast*

Position *Destruction I. Light bears S 66 1/2° E (true) distant 27.5 miles*

Chart used: No. *6400* Ed'n *3*

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer _____ Recorder *ALL*

SOUNDING WIRE.				FMS.	DREDGING CABLE.		
M. Down.	Up.	P.	M.		M. Down.	Up.	M.
4 50 00	4 48 40			0			
				100			
				200			
				300			
				400			
				500			
				600			
				700			
				800			
				900			
				1000			
				1100			
				1200			
				1300			
				1400			
				1500			
				1600			
				1700			
				1800			
				1900			
				2000			
				2100			
				2200			
				2300			
				2400			
				2500			
				2600			
				2700			
				2800			
				2900			
				3000			
				3100			
				3200			
				3300			
				3400			
				3500			
				3600			
				3700			
				3800			
				3900			
				4000			
				4100			
				4200			
				4300			
				4400			
				4500			
				4600			
				4700			
				4800			
				4900			

362 5906

Dredge } No. 5906 Date, July 2, 1915
Hydrog. }

Sdg. Mch. Reel Shot/Lead lbs.

Turns Cor'n Depth 94 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

gn m. fine

Thermom. { Make Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time Air {

Density: Surf. fms.

Wind: Direction Force

Baromet. 30.24 Amt. of Clouds 1 State of Sea N

Weather

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Washington coast

Position Destruction Is. Light bears S 65 1/2° E (true) distant 30.5 miles

Chart used: No. 6400 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.

FMS.

DREDGING CABLE.

M. Down.	Up.	M.
5	01	12
5	01	18

M. Down.	Up.	M.

5	01	12	5	01	18	924
---	----	----	---	----	----	-----

0

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Dredge } No. Date, , 19

Sdg. Mch. Reel Shot/Lead lbs.

Turns Cor'n Depth 94 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom clean lead

Thermom. { Make Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 54 Time 5:18.7 } Air { 61

Density: Surf. fms.

Wind: Direction Force

Baromet. Amt. of Clouds 0 State of Sea M

Weather

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Washington Coast

Position Destruction Is. Light bears S 65° E (true) distant 3 1/4 miles

Chart used: No. 6400 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.						DREDGING CABLE.			
M. Down.		Up.	M.		FMS.	M. Down.		Up.	M.
3	14	05	3	16	25	0			
3	14	40	3	14	45	100 94			
						200			
						300			
						400			
						500			
						600			
						700			
						800			
						900			
						1000			
						1100			
						1200			
						1300			
						1400			
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						1600			
						1700			
						1800			
						1900			
						2000			
						2100			
						2200			
						2300			
						2400			
						2500			
						2600			
						2700			
						2800			
						2900			
						3000			
						3100			
						3200			
						3300			
						3400			
						3500			
						3600			
						3700			
						3800			
						3900			
						4000			
						4100			
						4200			
						4300			
						4400			
						4500			
						4600			
						4700			
						4800			
						4900			

Dredge } No. 5765 Date, Feb. 22, 1912
Hydrog. }

Sdg. Mch. Reel Shot lbs.

Turns Cor'n Depth 94 fms.

Sdg. Cup	Amt. Bot'm Sample
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33
34	34
35	35
36	36
37	37
38	38
39	39
40	40
41	41
42	42
43	43
44	44
45	45
46	46
47	47
48	48
49	49
50	50
51	51
52	52
53	53
54	54
55	55
56	56
57	57
58	58
59	59
60	60
61	61
62	62
63	63
64	64
65	65
66	66
67	67
68	68
69	69
70	70
71	71
72	72
73	73
74	74
75	75
76	76
77	77
78	78
79	79
80	80
81	81
82	82
83	83
84	84
85	85
86	86
87	87
88	88
89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

Character of Bottom in M.

Thermom. $\left\{ \begin{array}{l} \text{Make} \\ \text{No.} \end{array} \right.$

Cor'n { Instr.
Stem.

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf.	{	Time	}	Air	}	
		Time				

Density: Surf. fms.

Wind: Direction Force

Baromet.	29.8	Amt. of Clouds	0	State of Sea	W
----------	------	----------------	---	--------------	---

Weather

Direction and Force of Current. { Surface
{ Bottom

Tide

General Locality *Off Washington coast*

Position Destruction Is. Light bears S 64° E (true)
Chart used: No. 6400 distant 32.2 miles

Chart used: No. 6400 ⁰ distant 32.2 miles.
Ed'n

Drift: Direction _____ *Distance* _____

Depth of Haul -----

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer *W. C. ...* Recorder *(Signature)*

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
M. Down.			Up.				M. Down.		Up.		M.	
5	25	30	5	27	20	0						
5	26	00	5	26	05	100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
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						2800						
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						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

Dredge } No. _____ Date, _____, 19__
Hydrog. }

Sdg. Mch. _____ Reel _____ Shot }
Lead } 50 lbs.

Turns _____ Cor'n _____ Depth _____ fms.

Sdg. Cup _____ Amt. Bot'm Sample _____

Character of Bottom _____ fms. 110

Thermom. { Make _____ Cor'n { Instr. _____
No. _____ Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { _____ Time _____ } Air {
_____ Time _____ }

Density: Surf. _____ fms. _____

Wind: Direction _____ Force _____

Baromet. 30.34 Amt. of Clouds _____ State of Sea _____

Weather bc

Direction and Force of Current { Surface _____
Bottom _____

Tide _____

General Locality Off Washington coast

Position Destruction Is. Light bears S 63° E (true) distant 33.0 miles

Chart used: No. 6400 Ed'n 328

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer _____ Recorder _____

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
<i>P</i> M. Down.	Up.	<i>P</i> M.		M. Down.	Up.	M.
4	12	100	0			
5	13	657	100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
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			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Predge } No. 570 Date, July 1, 1901
Hydrog. } 177

Sdg. Mch. Reel Shot / Lead / lbs.

Turns Cor'n Depth fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make No.

Cor'n { Instr. Stem.

Bottom Reading

Cor'd Temp.

Temp. Surf. { 24 Time 5:52 } Air { 62
Time

Density: Surf. fms.

Wind: Direction N-NW Force 4

Baromet. 30 Amt. of Clouds 0 State of Sea M

Weather B3

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Washington Coast

Position Destruction Is. Light bears S 63° E (true) distant 34.0 miles

Chart used: No. 6400 Ed'n 337

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.				FMS.	DREDGING CABLE.		
M. Down.	Up.	M.			M. Down.	Up.	M.
5 49	12 5	50	56	0			
49	45 3	49	48	94 100			
				200			
				300			
				400			
				500			
				600			
				700			
				800			
				900			
				1000			
				1100			
				1200			
				1300			
				1400			
				1500			
				1600			
				1700			
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				1900			
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				2400			
				2500			
				2600			
				2700			
				2800			
				2900			
				3000			
				3100			
				3200			
				3300			
				3400			
				3500			
				3600			
				3700			
				3800			
				3900			
				4000			
				4100			
				4200			
				4300			
				4400			
				4500			
				4600			
				4700			
				4800			
				4900			

11-1023

SOUNDING WIRE.

FMS.

DREDGING CABLE.

M. Down. Up. M.

M. Down. Up. M.

6	01	50	6	05	33	0
6	02	20	6	02	45	100
						200
						300
						400
						500
						600
						700
						800
						900
						1000
						1100
						1200
						1300
						1400
						1500
						1600
						1700
						1800
						1900
						2000
						2100
						2200
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						2800
						2900
						3000
						3100
						3200
						3300
						3400
						3500
						3600
						3700
						3800
						3900
						4000
						4100
						4200
						4300
						4400
						4500
						4600
						4700
						4800
						4900

Dredge } No. : , 19 .
Hydrog. }

Sdg. Mch. Reel Shot / Lead lbs.

Turns Cor'n Depth fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 54 Time 6:18 } Air { 6 Time

Density: Surf. fms.

Wind: Direction NE NW Force

Baromet. 30.33 Amt. of Clouds 0 State of Sea

Weather

Direction and Force of Current { Surface Bottom

Tide

General Locality off Washington coast

Position Destruction Is. Light bears S 62° E (true) distant 38.8 miles

Chart used: No. 6400 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
M. Down.			Up.				M. Down.			Up.		
6	15	00	6	16	42	0						
6	15	30	6	15	34	100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
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						2400						
						2500						
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						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
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						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

Dredge } No. ... Date, ..., 19 ...
Hydrog. }

Sdg. Mch. ... Reel ... Shot/Lead ... lbs.

Turns ... Cor'n ... Depth ... fms.

Sdg. Cup ... Amt. Bot'm Sample

Character of Bottom ...

Thermom. { Make ... No. ... Cor'n { Instr. ... Stem. ...

Bottom Reading ... Cor'd Temp. ...

Temp. Surf. { ... Time ... } Air { ... Time ... }

Density: Surf. ... fms. ...

Wind: Direction ... Force ...

Baromet. ... Amt. of Clouds ... State of Sea ...

Weather ...

Direction and Force of Current { Surface ... Bottom ...

Tide ...

General Locality off Washington coast

Position Destruction Is. Light bears S 61° E (true) distant 36.7 miles

Chart used: No. 6400

Drift: Direction ... Distance ...

Depth of Haul ...

Apparatus and Rig used ...

Time towing ... h. ... m.

Remarks:

SOUNDING WIRE.

M. Down.	Up.	F.	M.
----------	-----	----	----

FMS.

DREDGING CABLE.

M. Down.	Up.	M.
----------	-----	----

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Dredge } No. 2 Date, , 19 --
Hydrog. }
Sdg. Mch. Lucas Reel 1200 Shot 30 lbs.
Leads
Turns Cor'n Depth 9 fms.

Sdg. Cup Amt. Bot'm Sample
Character of Bottom 1 Brown mud & gravel Sdg.

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time 6: Air { 6:
Time

Density: Surf. fms.

Wind: Direction W-N-W Force 4

Baromet. 29.28 Amt. of Clouds 1 State of Sea

Weather

Direction and Force of Current { Surface
Bottom

Tide

General Locality Off Washington coast

Position Destruction I. Light bears S 60 1/2° E (true) distant 3 1/2 miles

Chart used: No. 6400 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.

M. Down. Up. M.

FMS.

DREDGING CABLE.

M. Down. Up. M.

0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400
2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000
4100
4200
4300
4400
4500
4600
4700
4800
4900

Dredge } No. _____ *Date*, _____, 19____
Hydrog. }

Sdg. Mch. _____ *Reel* _____ *Shot & Lead* _____ *lbs.* _____

Turns ----- Cor'n ----- Depth ----- fms.

<i>Sdg. Cup</i>	<i>2.1</i>	<i>Amt. Bot'm</i>
		<i>Sample</i>

Character of Bottom.

Thermom. $\left\{ \begin{array}{l} \text{Make} \\ \text{No.} \end{array} \right.$ _____ Cor'n $\left\{ \begin{array}{l} \text{Instr.} \\ \text{Stem.} \end{array} \right.$

Bottom Reading Cor'd Temp.

Temp. Surf. { 54 Time 6:58 } Air {
Time }

Density: Surf. fms.

Wind: Direction W. N. W. Force 1

Baromet, 30.33 Amt. of Clouds 0 State of Sea

Weather

Direction and Force of Current. $\left\{ \begin{array}{l} \text{Surface} \\ \text{Bottom} \end{array} \right.$

Title _____

General Locality *Off Washington coast*

Position Destruction Is. Light. bears $S 60^{\circ} E$ (true).

Chart used: No. 6400 Ed'n 1

Drift: Direction *Distance*

Depth of Haul

Apparatus and Rig used

<i>Time towing</i>	<i>h.</i>	<i>m.</i>
--------------------	-----------	-----------

Remarks:

Deck Officer *L*Recorder 1/2/2012

SOUNDING WIRE.

M. Down. Up. M.

FMS.

DREDGING CABLE.

M. Down. Up. M.

0
 100
 200
 300
 400
 500
 600
 700
 800
 900
 1000
 1100
 1200
 1300
 1400
 1500
 1600
 1700
 1800
 1900
 2000
 2100
 2200
 2300
 2400
 2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000
 4100
 4200
 4300
 4400
 4500
 4600
 4700
 4800
 4900

Dredge } No.
Hydrog }

Sdg. Mch. -

Reel

Hot Lead

30 lbs.

Turns

Cor'n

Depth

78

*fms.**Sdg. Cup*

Amt. Bot'm
Sample

Character of Bottom

Thermom. $\left\{ \begin{array}{l} \text{Make} \\ \text{No.} \end{array} \right.$

Cor'n { Instr.
Stem

Bottom Reading

Cor'd Temp.

Temp. Surf. }

Time

Time

Dir.

Density: Surf.

fms.

Wind: Direction

Devere

Baromet.

Amt. of
Clouds

*State of
Sea*

Weather

*Direction and Force
of Current.*

$\left\{ \begin{array}{l} \text{Surface} \\ \text{Bottom} \end{array} \right.$

Tielv

General Locality

Position

Light bears $N 77\frac{1}{2}^{\circ} E$ (true)

Chart used: No.

Feb '12

dist. + 999 = 1000

Drift: Direction

Distance

Depth of Haul

Apparatus and Rig used

Time towing _____ h, _____ m.

Remarks:

Deck Officer

Reviewed by

SOUNDING WIRE.						FMS.	DREDGING CABLE.		
✓	M. Down.	Up.	✓	M.			M. Down.	Up.	M.
4	36	15	4	37	50	0			
4	36	45	4	36	50	100			
						200			
						300			
						400			
						500			
						600			
						700			
						800			
						900			
						1000			
						1100			
						1200			
						1300			
						1400			
						1500			
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						2800			
						2900			
						3000			
						3100			
						3200			
						3300			
						3400			
						3500			
						3600			
						3700			
						3800			
						3900			
						4000			
						4100			
						4200			
						4300			
						4400			
						4500			
						4600			
						4700			
						4800			
						4900			

② 5917

Dredge } No. 5914 Date, July 23, 1915
Hydrog. }
Sdg. Mch. Elect Reel Elect Shot Lead 50 lbs.

Turns Cor'n Depth 42 fms.

Sdg. Cup Brining (Kittory) Amt. Bot'm Sample

Character of Bottom gy. M. fine gy S, mica

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 55.0 Time 4:30 } Air { 62.0
Time

Density: Surf. fms.

Wind: Direction S.W. Force 4

Baromet. 30.27 Amt. of Clouds 4 State of Sea M

Weather bcz.

Direction and Force of Current { Surface
Bottom

Tide

General Locality off Washington coast

Position Grays Harbor Light bears N 76 1/2° E (true) distant 2.8 miles

Chart used: No. 6400 Ed'n 27.8

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Glick Recorder C. E. DeLong

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
P. M. Down.			Up.	P. M.			M. Down.			Up.	M.	
4	47	15	4	48	55	0						
4	47	50	4	47	55	100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
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						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

5918

Bredge } No. 5915 Date, July 28, 1915
 Hydrog. }
 Sdg. Mch. Elect Reel Blue Shot Lead 30 lbs.

Turns Cor'n Depth 87 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom *fine clay for gy S*

Thermom. { Make Cor'n { Instr.
 No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 55° Time 5:04 } Air { 62°
 Time

Density: Surf. fms.

Wind: Direction N.W. Force 4

Baromet. 30.26 Amt. of Clouds 4 State of Sea M

Weather *bcy*

Direction and Force of Current { Surface
 Bottom

Tide

General Locality *Off Washington Coast*

Position *Gray's Harbor Light bears N 77 1/2° E (true) distant 29.1 miles*

Chart used: No. 6400 Ed'n 28.8

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: *This book checked*

Deck Officer *Mr. Glick* Recorder *C. E. Delong*

160

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
P. M. Down.		Up.	P. M.		M. Down.		Up.	M.
4	58	20	5	00	25			
4	59	00	4	59	20			
				0				
				100				
				200				
				300				
				400				
				500				
				600				
				700				
				800				
				900				
				1000				
				1100				
				1200				
				1300				
				1400				
				1500				
				1600				
				1700				
				1800				
				1900				
				2000				
				2100				
				2200				
				2300				
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				2500				
				2600				
				2700				
				2800				
				2900				
				3000				
				3100				
				3200				
				3300				
				3400				
				3500				
				3600				
				3700				
				3800				
				3900				
				4000				
				4100				
				4200				
				4300				
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				4500				
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				4700				
				4800				
				4900				